

Figure 1: General diagram of the process for detecting metabolic pathways

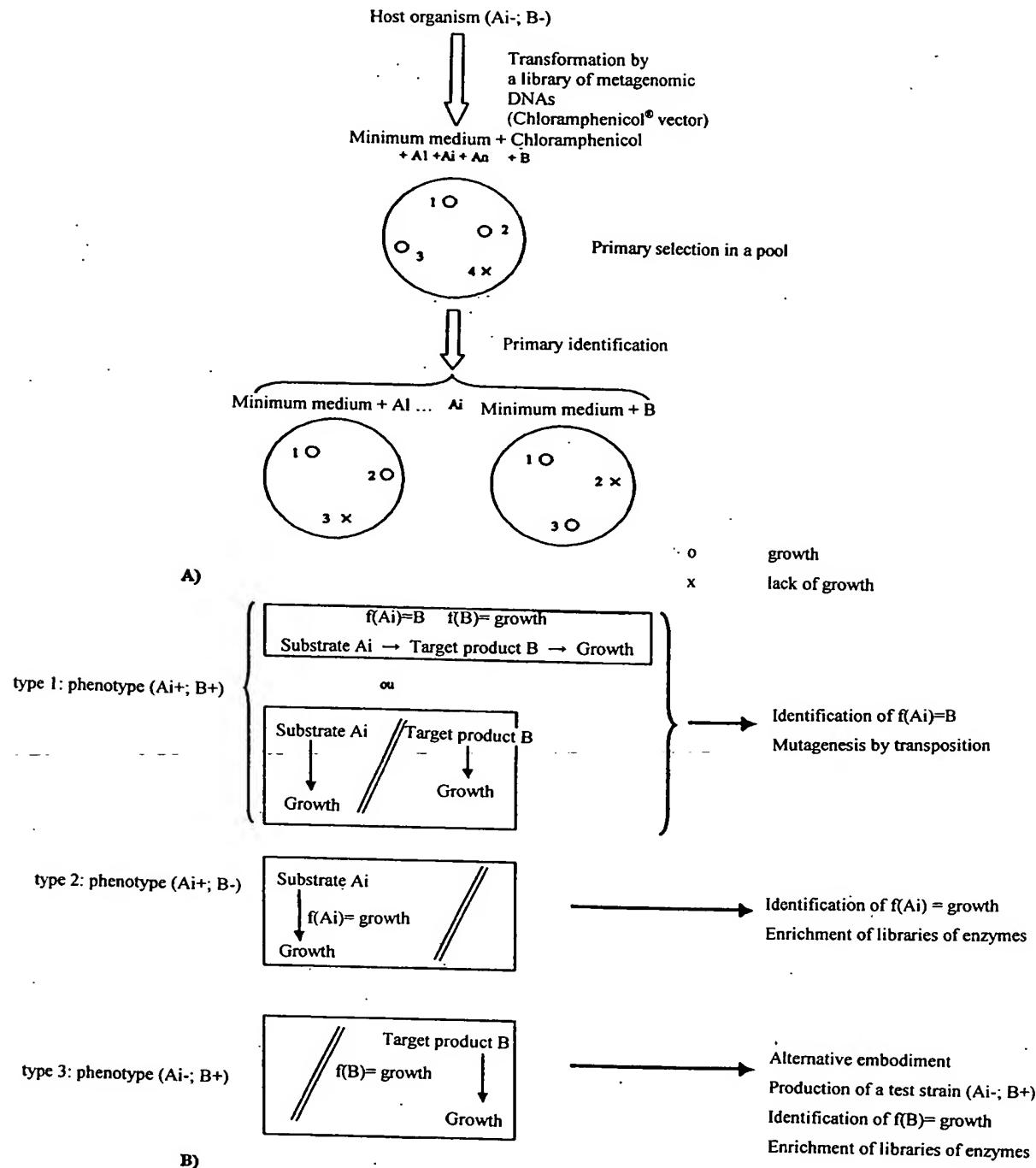


Figure 2: Diagram of the primary transformation-selection cycle A) process, B) Phenotypes identified

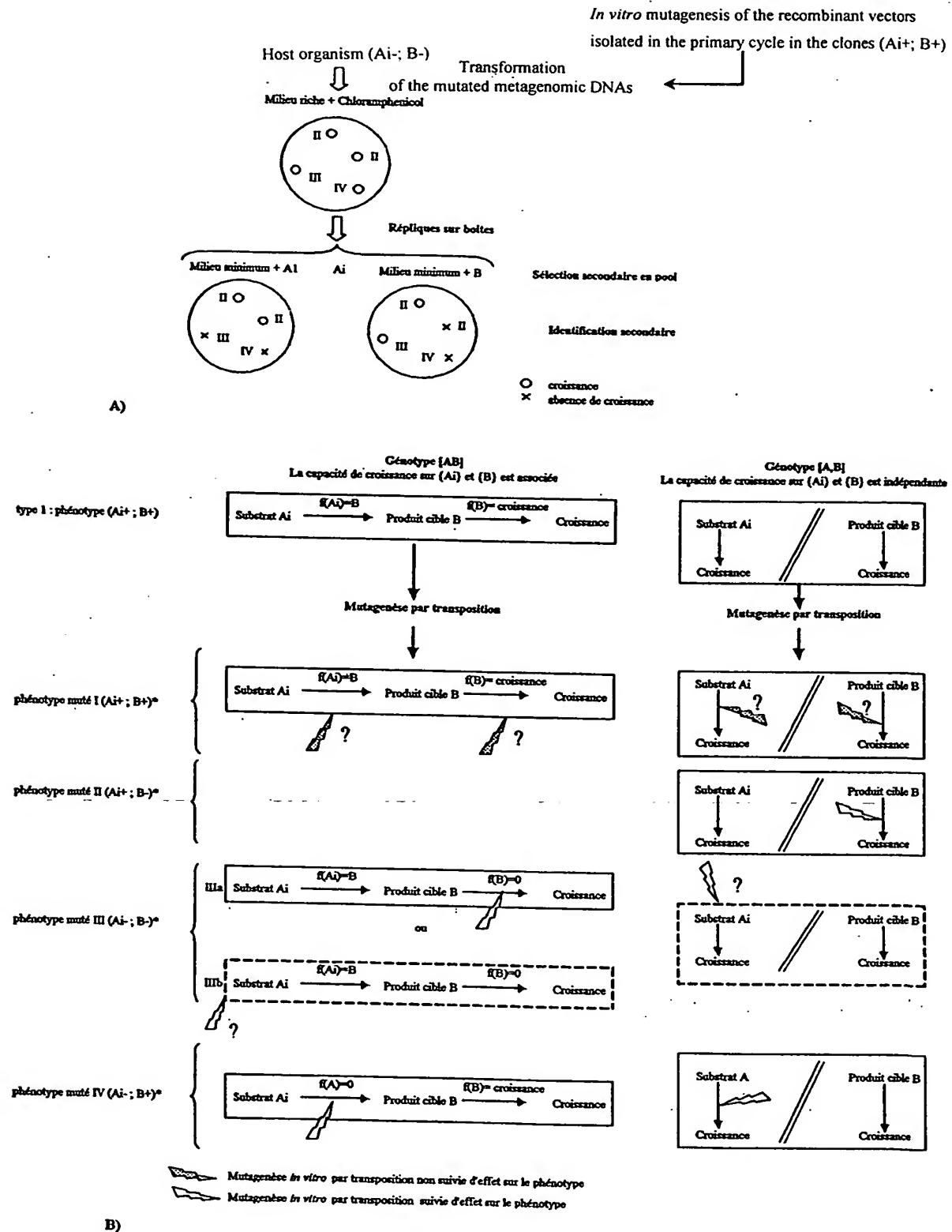


Figure 3: Diagram of the secondary transformation-selection cycle A) process, B) Phenotypes identified

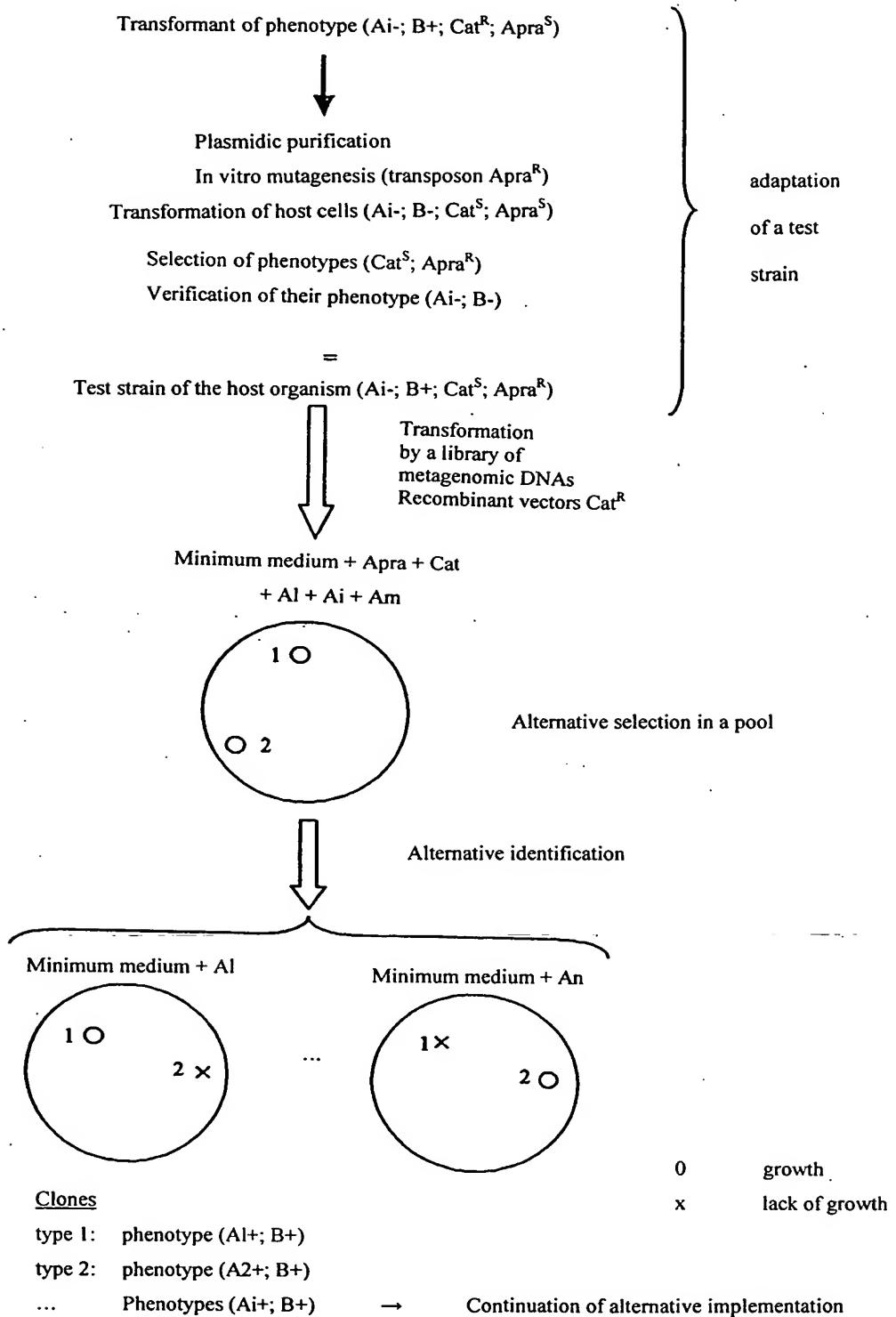


Figure 4: Diagram of the alternative transformation-selection cycle

Apra, Apramycine; Apra^{RS}, Resistance/sensitivity to apramycine; Cat, Chloramphenicol;
Cat^{RS}, Resistance/sensitivity to chloramphenicol

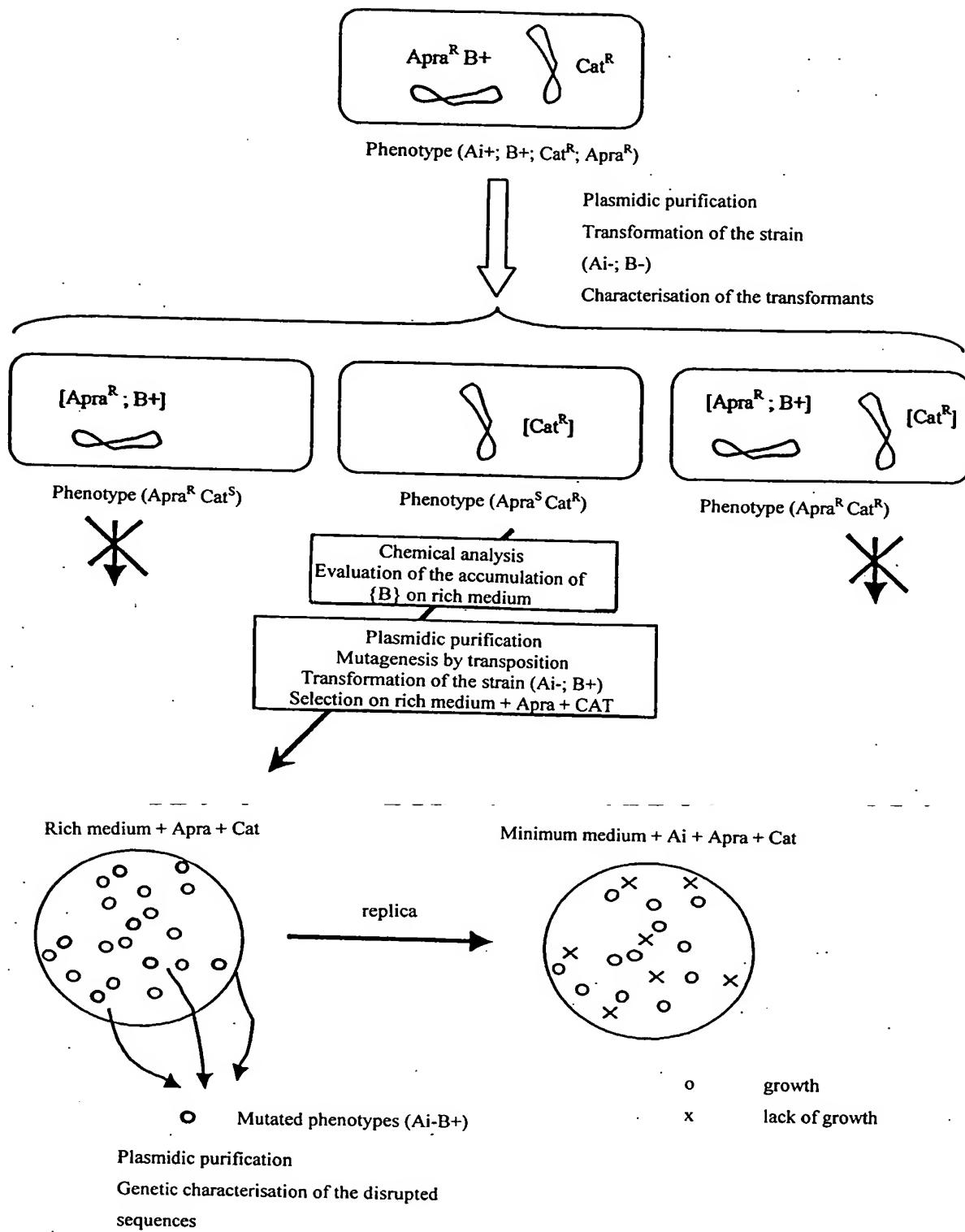


Figure 5: Alternative transformation-selection process